



KNOW THE TRUTH!
STEEL THAT
TRULY FIGHTS
CORROSION.



ARS CRS 550D 

PRESENTING

ARS
CRS 550D

Essential for managing high TDS groundwater across diverse regions.
40% Extra life.



Sl. No.	Properties	Unit	IS 1786 - 2008	ARS CRS 550D	
1	Yield Stress	N/mm ²	550 Min.	560 Min.	600 Max
2	Tensile Strength	N/mm ²	600 Min.	620 Min.	660 Max
3	TS/YS	Ratio	1.08 Min.	1.08 Min.	1.15 Max
4	Elongation	%	14.5 Min.	16 Min.	24 Max
5	Carbon	%	0.25 Max	-	0.25 Max
6	Phosphorus	%	0.04 Max	-	0.04 Max
7	Sulphur	%	0.04 Max	-	0.04 Max
8	P+S	%	0.075 Max	-	0.075 Max
9	CRE (Cr+Cu+P+Mo+Ni)	%	not less than 0.4 %	Not less than 0.5%	

25 % percent extra elongation and bendability. | Values meets requirements of IS:1786-2008 Amnd No.4

High TDS and Chlorine Molecules accelerate Corrosion, shortening construction lifespan.

When you test ARS CRS 550D bars you will see that they have been manufactured to meet Indian standards 1786-2008

- » Highest Corrosion Resistance CRE
- » Highest Earthquake Resistance
- » High strength/grade
- » Highest bonding with concrete - innovative angular lugs
- » Highest Fire Resistant
- » Available in convenient sizes - 8, 10, 12, 16, 20, 25 & 32 mm.
- » The only product available in the market with CRE - P > 0.46
- » Save Rs.20,000 per ton



ARS Steels & Alloy International Pvt. Ltd.,
D-109, 2nd & 4th Floor, LBR Complex,
Anna Nagar East, Chennai - 600 102.
Email: crm@arssteels.co.in

Customer Help line:
 97104 11111.
www.arsgroup.in

**DON'T BUY
TMT BARS BLINDLY.
KNOW THE TRUTH!**



ARS 550D TMT



**ARS
550D**
///ARS 550D TMT///
TMT BARS

HAVE YOU BEEN BUYING STEEL BLINDLY?

If you have been, then here is the eye-opener. All you need to do is look for the mark of quality that simply points to purity, strength, and ductility. And when it comes to ARS 550D, you will see that mark on every lot of bars - the renowned SGS certification. These certification tests are done right at our factory, a unique aspect at ARS Steels. Made to stringent quality standards, the ARS 550D stands apart from all other bars.

- True 550D quality • High ductility • European standards • Max purity • On-site testing

CALL THE ARS STEEL PATROL

When you want to be sure about the quality of the TMT you are using, we are there to test it for you at your location. Just call us on 97104 11111 and our Steel patrol will be with you in a jiffy. The mobile van has the special Spectro-port machine that can show you what your steel is all about. It is a completely digital plasma generator with digital discharge definition and offline digital pulse control.

- Ideal for on-site Spectro Testing - Chemical analysis.
- Checks the chemical properties of any steel.
- Records values of 32 types of elements.
- Clearly shows the quality of testing sample.

WHAT ELSE MAKES ARS 550D THE BEST FOR YOU:

When you test ARS 550D bars you will see that they have been manufactured to meet Indian standards 1786.

- It is available in convenient sizes - 8, 10, 12, 16, 20, 25 & 32 mm.
- Comes in pre-packed bundles with fixed number of pieces per bundle.
- Gives 4-6% savings for you.

Sl. No.	Properties	Unit	IS:1786 Fe-550D	ARS 550D	
1	Yield Strees	N/mm ²	550 Min.	550 Min.	600 Max
2	Tensile Strengt	N/mm ²	600 Min.	600 Min.	660 Max
3	TS/YS	Ratio	1.10 Min.	1.12 Min.	1.13 Max
4	Elongation	%	14.5 Min.	16.0 Min.	20.0 Max

*As contained in 90% of the heats

ARS 550D TMT

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